Miele

NAVITRONIC

Operating instructions for Washing machine W 3985 WPS

To avoid the risk of accidents or damage to the machine, it is **essential** to read these instructions before it is installed and used for the first time.

en - AU, NZ

M.-Nr. 07 589 920

Caring for the environment

Disposal of the packing material

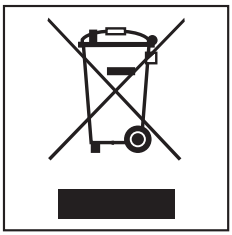
The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

Rather than just throwing these materials away, please ensure they are offered for recycling.

Disposal of your old appliance or machine

Electrical and electronic appliances / machines often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance or machine. Therefore, please do not dispose of your old machine or appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre and ensure that it presents no danger to children while being stored for disposal.

It should be unplugged or disconnected from the mains electricity supply by a competent person.
The plug must be rendered useless and the cable cut off directly behind the appliance or the machine to prevent misuse.

Contents

Caring for the environment 2
Warning and Safety instructions 6
Operating the washing machine 10
Control panel 10
Displays 11
Before using for the first time 13
Setting the language 13
Running your first programme 14
Calibrating the load sensor to zero 15
Washing environmentally and economically 16
Energy and water consumption 16
Detergent 16
How to wash correctly 17
Sort the laundry 17
Select a programme 18
Select a temperature/spin speed and extra option(s) 18
Changing/saving a favourite programme 19
Load the drum 20
Select the Timer (if required) 21
Add detergent 22
Start the programme 23
Remove the laundry when the programme has finished 23
Extra options 24
Short 24
Water plus 24
Rinse hold 24
Soak 24
Pre-wash 24
Spinning 25
Final spin speed 25
Rinse and interim spin 25
To omit the final spin (Rinse hold) 25
To omit the spin between rinses and the final spin 25
Programme chart 26
Programme sequence 30
Garment care label symbols 32

Contents

Changing the programme sequence . . . 33
Cancelling a programme . . . 33
Interrupting a programme . . . 33
Changing a programme . . . 33
Adding or removing laundry after a programme has started . . . 34
Safety lock . . . 34
Detergent . . . 35
The correct detergent . . . 35
Water softener . . . 36
Washing with several components . . . 36
Fabric conditioners and liquid starch . . . 37
Automatic dispensing of fabric conditioner or liquid starch to laundry at the end of a programme . . . 37
Adding fabric conditioner or liquid starch separately . . . 37
Colour run and dye removers/dyes . . . 37
Cleaning and care . . . 38
External casing and fascia panel . . . 38
Extra cleaning . . . 38
Cleaning the detergent dispenser drawer . . . 38
Cleaning the filter in the water inlet . . . 40
Problem solving guide . . . 41
What to do, if . . . 41
The programme does not start . . . 41
Problems with the load size indicator . . . 42
General problems . . . 43
An unsatisfactory wash result . . . 44
The drum door cannot be opened by pressing the button . . . 45
Opening the drum door in the event of a blocked drain outlet and/or power failure . . . 46
After sales service . . . 48
Future updates (PC) . . . 48
Appliance guarantee . . . 48
Optional accessories . . . 48

Contents

Installation and connection 49
Front view 49
Rear view 50
Installation surface 51
Installing the washing machine 51
Removing the transit fittings 51
Re-fitting the transit bars 53
Levelling the machine 54
Screwing out and adjusting the feet 54
Building under a continuous worktop / in a kitchen run 55
Washer and Dryer stack 55
The Miele Waterproof system 56
Connection to the water supply 57
Connection to the water supply 58
Cold water connection (mains water supply) 58
Hot water connection 58
Connection to the drainage system 59
Electrical connection 60
Consumption data 61
Consumption data for AS/NZS 2040.2:2005 Standard 61
Notes for test institutes: 61
Technical data 63
Settings menu 65
To open the Settings menu 65
Language 65
Time of day 66
Water plus 67
Gentle action 67
Suds cooling 67
Code 68
Temperature 70
Buzzer 70
Keypad tones 70
Display contrast 70
Standby 71
Memory 71
Miele@home 72
Remote access 74

This washing machine conforms to current safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the washing machine, please read these instructions carefully before using it for the first time. They contain important information on its installation, safety, use and maintenance.
Keep these instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future owner.

Correct application

▶ The washing machine is designed exclusively for domestic purposes and must only be used to wash garments which have been declared suitable for washing by the manufacturer indicated on the garment care label.
Any other use may be dangerous. The manufacturer cannot be held liable for damage resulting from incorrect or improper use or operation.

▶ This washing machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety.

Safety with children

▶ Keep children away from the washing machine at all times. It is not a toy! To avoid the risk of injury do not allow children to play on or near it or to play with its controls. Supervise children whilst you are using it.

▶ Older children may only use the washing machine if its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.

▶ For machines with a 'porthole' door, remember that the porthole glass will be hot when washing at very high temperatures.
Do not let children touch it.

Technical safety

▶ Before setting up the washing machine, check it for any externally visible damage.
Do not install or use a damaged washing machine.

▶ Before connecting the washing machine, ensure that the connection data on the data plate (voltage and connected load) match the mains electricity supply. If in any doubt, consult a qualified electrician.

▶ The electrical safety of this washing machine can only be guaranteed when continuity is complete between it and an effective earthing system which complies with current local and national safety regulations. It is most important that this basic safety requirement is present and regularly tested, and where there is any doubt the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

▶ Do not connect the washing machine to the mains electricity supply by an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

▶ Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can the safety standards of the machine be guaranteed.

▶ Unauthorised repairs could result in unforeseen dangers for the user, for which Miele cannot accept liability. Repairs should only be undertaken by a Miele approved service technician. Ensure current is not supplied to the machine until after maintenance or repair work has been carried out.

▶ If the connection cable is faulty it must only be replaced by a Miele approved service technician to protect the user from danger.

▶ In the event of a fault or for cleaning purposes, the washing machine is only completely isolated from the electricity supply when:
– it is switched off at the wall socket and the plug is withdrawn, or
– it is switched off at the mains, or
– the mains fuse is withdrawn, or the screw-out fuse is removed (in countries where this is applicable).

▶ The Miele "Water protection system" protects from water damage provided the following conditions have been met:
– the machine is correctly plumbed in and connected to the electricity supply.
– if a fault has been identified, the machine must be examined by a competent person before further use, and repaired if necessary.

▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the machine guarantee.

▶ This washing machine may only be used in mobile installations such as ships if a risk assessment of the installation has been carried out by a suitably qualified engineer.

▶ Do not make any alterations to the washing machine, unless authorised to do so by Miele.

Correct use

▶ Do not install your washing machine in rooms where temperatures below freezing may occur. Frozen hoses may burst or split. The reliability of the electronic control unit may be impaired at temperatures below freezing point.

▶ Before using the washing machine for the first time, check that the transit bars at the rear of the machine have been removed (see section on "Installation"). During spinning, a transit bar which is still in place may result in damage to both the machine and adjacent furniture or appliances.

▶ Turn off the tap if the machine is to be left for any length of time (e.g. holiday), especially if there is no floor drain (gully) in the immediate vicinity.

▶ Flooding danger.
If hooking the drain hose into a wash basin, check that the water can drain off quickly enough to prevent the sink from overflowing. Make sure the drain hose is secure, so that the force of the water flowing out of the hose does not dislodge it.

▶ Take care to ensure that foreign objects (e.g. nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.

▶ If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale the machine only use Miele Descaler for washing machines and strictly observe the instructions on the packaging. If in doubt contact the Miele Customer Service Department or your Miele Chartered Agent.

▶ Textiles which have been pre-treated in solvent based cleaning agents must be thoroughly rinsed in clean water before being washed in the machine.

▶ Never use solvent based cleaning agents, e.g. those containing benzene, in this machine, as this may result in damage to component parts and create toxic fumes. Such agents also pose a fire and explosion hazard.

▶ Never use solvent based cleaning agents, e.g. those containing benzene, to clean the outside surfaces of this machine. They can cause damage to plastic surfaces.

▶ Only use dyes specified by the manufacturer as being suitable for use in a domestic washing machine. Always observe the manufacturer's instructions carefully.

▶ Colour run and dye removers contain sulphur compounds which can cause damage such as corrosion. Do not use these products in this machine.

▶ If liquid detergent comes into contact with the eyes, rinse them thoroughly with lukewarm water immediately. If swallowed, seek medical assistance immediately and retain the packaging or label for reference. Those with skin problems or sensitive skin should avoid their skin coming into contact with liquid detergent.

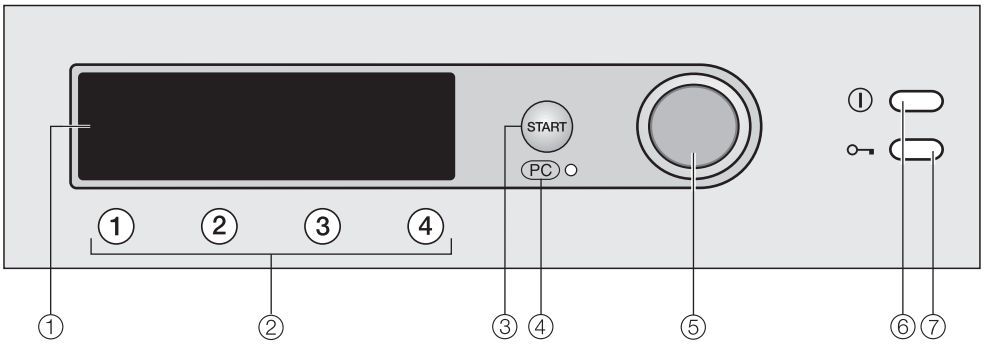
▶ Only remove laundry from the washing machine once the drum has stopped turning. Reaching into a moving drum is extremely dangerous and could result in injury.

Accessories

▶ Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, guarantee, performance and product liability claims will be invalidated.

Miele cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

Control panel



① **Display**
See the following pages for more information.

② **Short cut buttons**
For selecting an individual washing programme quickly. These buttons can be programmed to select your own favourite wash programmes.

③ ***Start* button**

④ **PC / Optical interface**
This is used by service technicians to run diagnostic checks on your machine and can also be used to update programming data in the future.

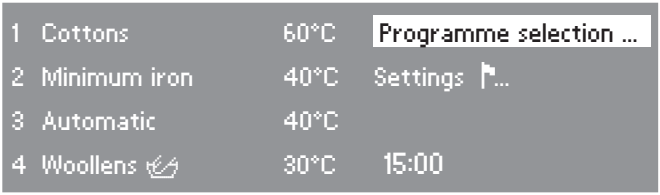
⑤ **Multi-function selector**
This is used to select menu options (by turning it) and to confirm your selection (by pressing it).

⑥ ⏻ **button**
For switching the washing machine on and off.
To save energy the dryer will switch off automatically 15 minutes after programme end/Anti crease or if no other function is selected after switching on.

⑦ **button**
Opens the machine door.

Displays

Entry menu



When the machine is switched on, the entry menu (with default settings) appears and *Programme selection* is highlighted.

Multi-function selector

Turning the multi-function selector moves the highlighting to the next option.

Pressing the multi-function selector selects the highlighted option.

Short cut buttons

Pressing a short cut button selects one of the four favourite programmes shown on the left of the display. You can customise the favourite programmes to suit your own requirements.

The short cut buttons have different functions in the other menus. Where this is the case, an arrow ▼ will appear in the display above the short cut button, together with a description of its function .

Programme selection

There are two ways of selecting a programme:

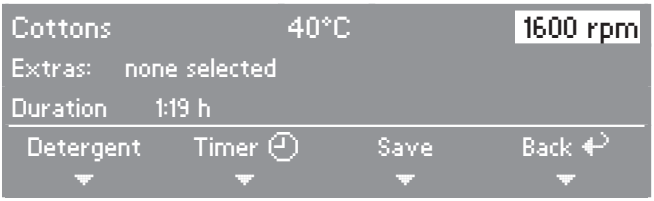
– Option 1: Select the *Programme selection* menu in the display and confirm your selection by pressing the multi-function selector.

– Option 2: Press short cut button ①, ②, ③ or ④. This will automatically take you into the main menu of that programme.

Programme selection menu

You can use the multi-function selector to select any programme. The highlighting will move up or down depending on the direction the multi-function selector is turned in. The ▼▲ arrows on the right of the display, indicate further options. Pressing the multi-function selector takes you to the main menu of the wash programme selected.

Wash programme main menu



Turn the multi-function selector to select and highlight the programme, temperature, spin speed or extra options. Pressing the multi-function selector selects the highlighted option and opens the relevant sub-menu.

The sub-menus *Extras*, *Timer* and *Detergent* can be opened by pressing the short cut button directly below them.

You return to the entry menu by pressing short cut button 4 below the word *Back*.

Settings menu

The *Settings* menu is used to alter the washing machine's electronics to suit different requirements. See "Settings menu" for more details.

Before using the machine for the first time ensure that it is correctly installed and connected. See "Installation and connection". Also check that the drain filter is securely tightened to prevent the risk of water leaks during use.

This washing machine has completed a comprehensive functional test. A small quantity of water remains in the drum as a result.

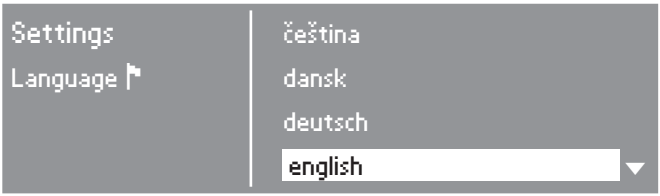
The washing machine has a sensor which measures the amount of laundry in the drum. This determines the amount of detergent required. To allow the load size indicator to function correctly, you must first run a wash programme without any laundry and without detergent.

- Open the tap.
- Press the ⏻ button in.

If the washing machine is being switched on for the first time, the welcome screen will appear.

The welcome screen will appear in the display every time the washing machine is switched on until a programme lasting longer than 1 hour has been completed.

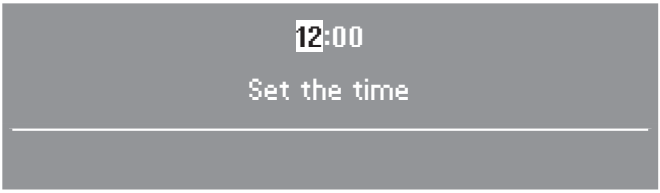
Setting the language



- If the language shown is not the one you want, select the language you do want by turning the multi-function selector. Confirm your selection by pressing the multi-function selector.

Before using for the first time

Setting the time (of day)



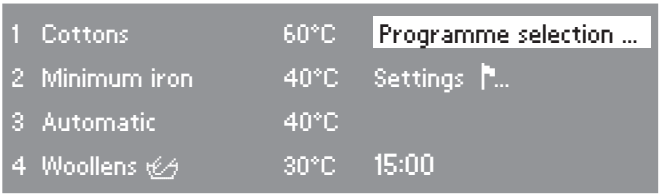
- Turn the multi-function selector to select the hour and press it to confirm your selection. Now set the minutes. Pressing the multi-function selector again saves the time of day in memory.

Reminder to remove transport struts

To avoid the risk of damage, the transport struts must be removed before the machine is used for the first time. See "Installation and connection" for instructions on how to do this.

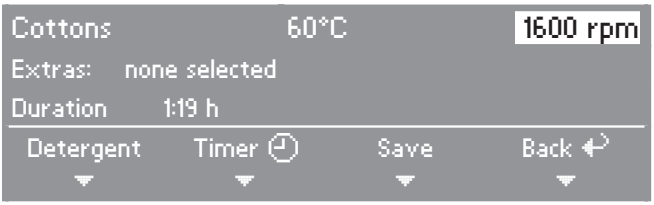
- Remove the transport struts (if this has not already been done by your fitter). Then confirm that you want to continue by pressing short cut button ④. The display will change to show the entry menu.

Running your first programme



- Press short cut button ①.

The main menu for the Cottons programme appears



- Press the flashing *Start* button.
- Switch the washing machine off at the end of the programme.

Before you can use the washing machine, the load sensor has to be calibrated to zero as you would with bathroom scales.

Calibrating the load sensor to zero

- Switch on the washing machine.
- Open the drum door.
- Select the *Cottons* programme.
- Press short cut button ① in until the display shows:

Zero setting OK

- Switch off the washing machine.

The machine is now ready for use.

Washing environmentally and economically

Energy and water consumption

– Water consumption and energy usage are determined by the size of the load.
To make the most out of your machine, load the maximum dry load for the programme you are using.

– Use the *Automatic* and *Express* programmes for small loads.

– When smaller amounts of laundry are washed using the *Cottons* programme, the automatic load recognition system will reduce the amount of water, time and energy used. This may mean that the time left shown in the display is adjusted during the course of the wash programme.

– Using the *Cottons 40°C* program is recommended for a normally soiled load and is the program used in energy/water consumption tests to AS/NZS 2040 (refer to Consumption Data)

– Hot and cold water connection is standard on this machine. Hot water connection offers the following advantages:
  – decreased running time
  – increased energy savings with greenhouse-friendly hotwater such as solar-heated systems

Detergent

– Do not exceed the amounts of detergent recommended by the manufacturer on the packaging.

– Adjust the dosage to the degree of soiling of the laundry.

– Reduce the amount of detergent for smaller loads. Use the *Detergent* sub-menu.

Choosing the correct Extra option (Short, Soak, Pre-wash)

Select:

– A wash programme together with the *Short* extra option for light to normal soiling where there are no obvious marks.

– A wash programme without any extra options for normal to heavy soiling with visible staining.

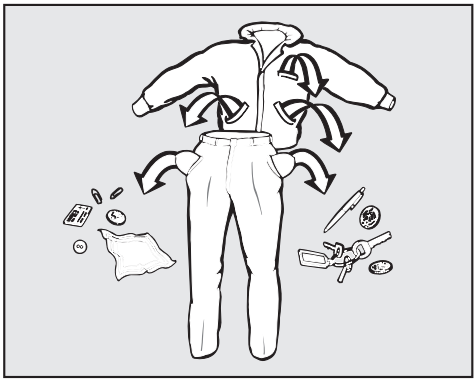
– A wash programme together with the *Soak* extra option for heavily soiled laundry.

– The *Pre-wash* extra option for laundry with large amounts of dirt (e.g. dust, sand).

When drying with a tumble dryer

Selecting the highest possible spin speed for the wash programme will save energy when drying in a tumble dryer afterwards.

Sort the laundry



■ Empty all pockets.

⚠ Foreign objects (e.g. nails, coins, paper clips, etc.) can cause damage to garments and components in the machine.

Removing marks

■ Badly soiled areas, stains etc. should be cleaned as soon as possible, preferably whilst still fresh. Spillages should be carefully dabbed off using a soft, colourfast cloth. Do not rub!

Badly soiled areas can be pre-treated with liquid detergent, stain removers etc. first, following the manufacturer's instructions. With particularly stubborn stains ask your dry cleaner for advice.

⚠ If you use a solvent-based cleaning agent (e.g. one containing benzene) to pre-treat a stain, makde sure that any plastic parts (e.g. buttons) are protected, and that the cleaning agent is rinsed off before washing the garment in the machine.

⚠ Do not use solvent-based cleaning agents in this machine.

■ Sort the laundry by colour and by care label. Most garments have a textile care label in the collar or side seam.

Dark textiles often contain excess dye and should be washed separately several times before being included in a mixed load. Always wash whites and coloureds separately.

– Curtains: Remove lead weights first or place in a laundry bag.

– Underwiring and collar stiffeners: Any loose wiring in bras, shirt collar stiffeners, etc. should be removed or sewn in.

– Close any zips, fasten hooks and eyes etc before washing.

– Fasten duvet covers etc. to prevent small items from being rolled up inside them.

Do not wash any items in this machine which are specified by the manufacturer as **not washable** on the care label. (⊠ symbol)

Switch on the washing machine

The interior drum lighting will come on.

Select a programme

You can select a programme either by:

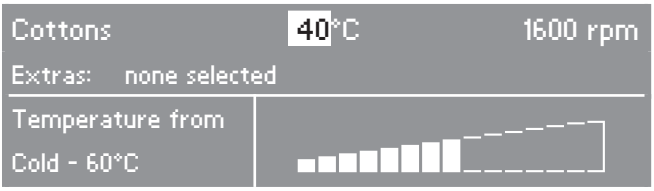
– using the appropriate short cut button to select one of the four programmes listed in the display ("favourites"), or

– going into the *Programme selection* menu.

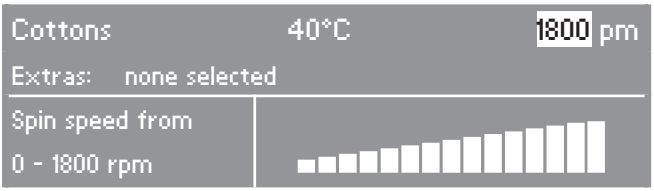
Select a temperature/spin speed and extra option(s)

You can select these by turning the multi-function selector. The option selected is then shown highlighted. Pressing the multi-function selector selects the highlighted option and opens the relevant sub-menu.

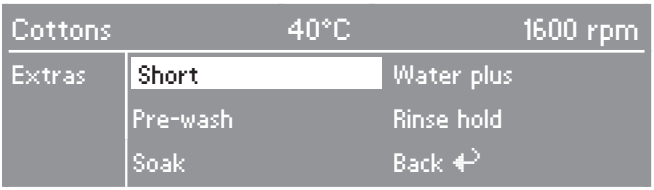
Temperature



Spin speed

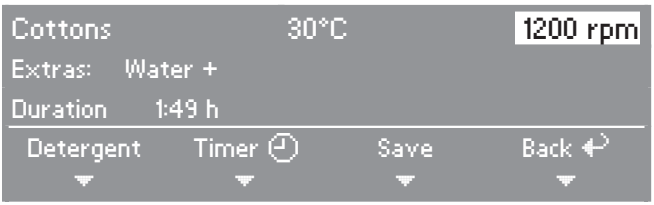


Extra options



If you do not make a selection in the sub-menu within approx. 20 seconds, the display will revert to the main menu.

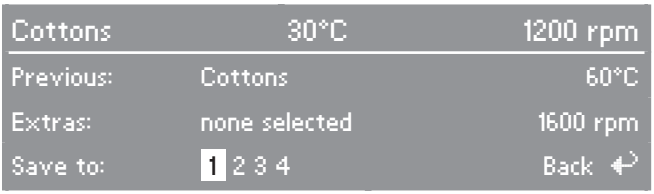
Your selection of temperature, spin speed and extra options will now appear in the main menu.



Changing/saving a favourite programme

To save this programme as a favourite:

- Press short cut button ③.



- Use the multi-function selector to select the number you want to save the programme to, and confirm your selection. Your settings have now been saved and the favourite programme will appear in the entry menu.

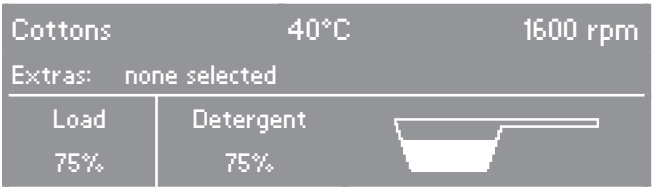
You can also save a programme as a favourite while it is running.

Load the drum

■ Press the ⊶ button to open the drum door.

The washing machine has a sensor which measures the amount of laundry placed in the drum. The display shows the percentage of the maximum load which has been placed in the drum. The maximum load will depend on the programme chosen.
In addition to the load size precentage, the amount of detergent required is also shown as a % figure.

The Detergent sub-menu will appear.



The load is shown in the display in 25% steps. Loads of less than 25% or an empty drum are shown as <25%. If the amount of laundry exceeds the maximum load, >100% will flash in the display. Note: >100% will not appear in the display if you have overloaded a *Cottons* programme.

The most efficient use of energy and water is achieved when a full load is washed. However, do not overload as this causes creases and reduces cleaning efficiency.

You can open the Detergent sub-menu at any time by pressing short cut button ⓘ.

■ Unfold the laundry and load loosely in the drum. Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

Make sure that no garments are caught between the drum door and seal.

■ Shut the door with a gentle swing.

Select the Timer (if required)

You can use the timer to set the end time of a programme. The start of a programme can be delayed from 30 minutes up to a maximum of 24 hours, allowing you to make use of night-time economy electricity rates, for example.

- Press short cut button ② to open the *Timer* sub-menu.

- Use the multi-function selector to select the programme end time (when the first 30 minute stage is entered, the programme end time will be adjusted to the next full or half hour). Confirm your selection. The start of the programme will now be delayed in parallel with the programme end time you have selected.

To start the timer

- Press the *Start* button.

The delay start time will be shown counting down in minutes.

To cancel the timer

- Press short cut button ④.

The actual load size can only be determined accurately by the machine once the programme has started. The programme end time may, therefore, be a bit later or earlier than first indicated.

Add detergent

The percentage amounts in the display will help you to add the correct percentage amount of detergent recommended by the manufacturer.

40% = Add slightly less than half the amount recommended

50% = Add half the amount recommended

60% = Add slightly more than half the amount recommended

75% = Add three quarters of the amount recommended

100% = the full amount of detergent recommended

You also need to take the level of soiling and water hardness into account.

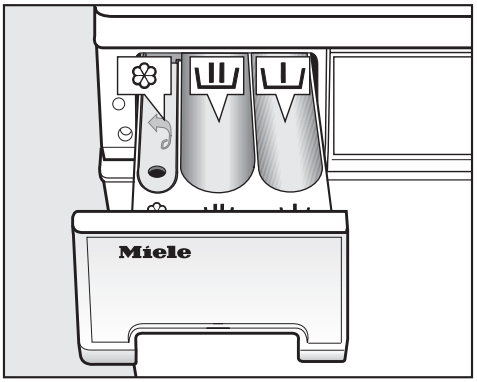
It is important to dispense the correct amount, as . . .

. . . too little detergent results in:

– Laundry not getting properly clean and with time it may become grey and hard to the touch.
– Greasy particles clinging to the laundry.
– Limescale deposits on the heater elements.

. . . too much detergent results in:

– Excessive foam which causes a low level of agitation and poor wash, rinse and spin results.
– High water consumption (an additional rinse cycle will automatically switch in).
– A burden to the environment.



■ Pull out the detergent drawer and add detergent to the compartments as follows:

I

Detergent for the pre-wash (divide the total recommended amount as follows: add $^1/_4$ to compartment I and $^3/_4$ to compartment II)

II

Detergent for the main wash, including Soak if selected

❀

Fabric conditioner or liquid starch

■ Close the detergent drawer.

See "Detergent" for further information.

Start the programme

■ Press the flashing *Start* button.

The estimated programme duration and the programme sequence will appear in the display. During the first 10 minutes the machine measures how much water is being absorbed by the laundry. The programme duration may be longer or shorter depending on this absorbency rate.

The drum lighting switches off once the programme has started.

Once washing is in progress, you can press the following short cut buttons:

– Button ② *Timer* 🕘: to call up the current time of day and the estimated end time of the programme.
– Button ③ *Save*: to save the current programme as a favourite.
– Button ④ *Cancel*: to cancel the current programme. The suds are pumped away immediately.

Remove the laundry when the programme has finished

In the anti-crease phase after the programme has finished, the following will appear alternately in the display:

Anti-crease

and

Programme finished

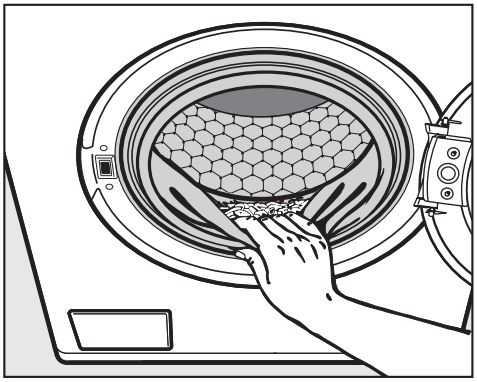
Unload the drum before switching off

■ Press the 🔑 button to open the drum door.

The washing machine will switch off automatically 15 minutes after the end of the anti-crease phase. You will need to press the ⏻ button to switch it back on again.

■ Remove the laundry.

Check that all items have been removed from the drum. Items left in the drum could discolour other items in the next wash or become discoloured themselves.



■ Check the folds in the door seal for any small articles, e.g. buttons, which might be lodged there.

Important
Always remove the laundry before switching the machine off. This is important to ensure that the load size indicator works correctly.

■ Switch the machine off with the ⏻ button.

To avoid the build-up of mildew, it is recommended that the door is left ajar when the machine is not in use.

Extra options

Short

For light to normal soiling with no visible staining.

The duration of the main wash is reduced.

Water plus

The water level in the main wash and the rinses will be increased if the *Water plus* option is selected.

Rinse hold

See the next page.

Soak

For heavily soiled and stained items with protein stains (e.g. blood, fats and oils, cocoa).

A length of time of between 30 minutes and 6 hours can be chosen in 30 minute increments for the soak process.

To select the soak duration

- Use the multi-function selector to select the soak time you want and confirm your selection.
- The soak time selected will be added to the running time of the wash programme.

To delete the soak time

- Set the soak time to 0:00 h and confirm your selection.

Pre-wash

For laundry with large amounts of dirt e.g. dust, sand.

Final spin speed

Programme	rpm
Cottons	1800
Minimum iron	1200
Delicates	600
Automatic	1200
Dark garments	1200
Shirts	600
Denim	900
Express	1600
Woollens	1200
Silks	400
Sportswear	1200
Outerwear	800
Hygiene	1800
First wash	1200
Proofing	1000
Curtains	600
Pillows	1200
Starch	1500
Separate rinse	1200
Drain/Spin	1800

You can reduce the final spin speed. However, you cannot select a final spin speed higher than that shown in the chart above.

Rinse and interim spin

There is a spin after the main wash and between the rinses. A reduction in the final spin speed will also reduce the interim spin speed. If a spin speed of less than 700 rpm is selected for a *Cottons* programme, an additional rinse is introduced.

To omit the final spin (Rinse hold)

- Select *Rinse hold* from the *Extras* sub-menu. The laundry will not be spun and will remain suspended in the final rinse water. This reduces creasing if the laundry is not going to be removed from the drum immediately after the end of the programme.

– To start the final spin:

The Spin speed sub-menu can be opened by pressing the multi-function selector.You can then select a different spin speed by turning the multi-function selector. Press the Start button to begin the final spin.

– To end the programme:

Press the ⊶ button. The water will drain away. Press the door button ⊶ again, to open the door.

To omit the spin between rinses and the final spin

- Select *Without spin* from the Spin speed sub-menu . The laundry is not spun after the final rinse. The water will drain away and the machine will go straight into the anti-crease stage. An additional rinse is introduced if this setting is selected with the *Cottons*, *Minimum iron*, *Automatic* and *Express* programmes.

Programme chart

Cottons	**cold to 95°C**	**Max. load 6.5 kg**
Fabric	Cottons, linens or cotton mix fabrics, e.g. table linen, towelling, underwear, T-shirts etc.	
Extra options	Short, Pre-wash or Soak, Water plus, Rinse hold	
Minimum iron	**cold to 60°C**	**Max. load 3.0 kg**
Fabric	Synthetics, mixed fibres and easy care cottons. If fabrics have a high proportion of man-made fibres it is advisable to programme the machine for "Gentle action". See "Settings menu".	
Note	Reduce the spin speed for fabrics which crease easily.	
Extra options	Short, Pre-wash or Soak, Water plus, Rinse hold	
Delicates	**cold to 60°C**	**Max. load 2.0 kg**
Fabric	For delicate garments made of synthetic fibres, mixed fibres, rayon and easy care cottons.	
Extra options	Short, Pre-wash, Soak, Rinse hold	
Automatic	**cold to 40°C**	**Max. load 3.5 kg**
Fabric	Mixed loads of garments suitable for the *Cottons* and *Minimum iron* programmes. Sort according to colour.	
Note	The wash parameters (e.g. water level, wash rhythm and spin speed) are adjusted automatically in this programme to ensure the best possible care and wash result for each item.	
Extra options	Short, Pre-wash or Soak, Water plus, Rinse hold	
Dark garments	**cold to 40°C**	**Max. load 3.0 kg**
Garment	Dark garments made from cotton or mixed fibres.	
Note	Wash inside out.	
Extra options	Short, Rinse hold	

Shirts	**cold to 60°C**	**Max. load 2.0 kg**
Notes	– Pre-treat collars and cuffs if necessary. – Wash silk garments in the *Silks* programme.	
Extra options	Short, Water plus, Rinse hold	
Denim	**cold to 60°C**	**Max. load 3.0 kg**
Notes	– Wash denim inside out. – Denim often contains excess dye and will run during the first few washes. Wash light and dark coloured items separately.	
Extra options	Short, Pre-wash or Soak, Rinse hold	
Express	**cold to 40°C**	**Max. load 3.0 kg**
Item	Small loads of items which require freshening up and which can be washed in a *Cottons* programme.	
Extra options	Water plus, Rinse hold	
Woollens	**cold to 40°C**	**Max. load 2.0 kg**
Fabric	Machine-washable or hand-washable wool or wool blend fabrics. If the care label does not specify a temperature, wash using the cold setting.	
Extra options	Rinse hold	
Silks	**cold to 30°C**	**Max. load 1.0 kg**
Fabric	Silks and other handwashable fabrics with no wool content, e.g. satin, lace and silk.	
Note	Place tights, bras etc. in a washing bag.	
Extra options	Water plus, Rinse hold	

Programme chart

Sportswear	**30°C to 60°C**	**Max. load 2.0 kg**
Garment	Lightly soiled sports garments which require washing or freshening up.	
Extra options	Short, Pre-wash or Soak, Water plus, Rinse hold	
Outerwear	**cold to 40°C**	**Max. load 2.0 kg**
Garment	Outerwear made from micro-fibres such as Gore-Tex®, SYMPATEX®, WINDSTOPPER® etc.	
Notes	– Zip up jackets before washing. – Do not use fabric conditioner.	
Extra options	Short, Pre-wash or Soak, Water plus, Rinse hold	
Hygiene	**60°C**	**Max. load 6.0 kg**
Item	Fabrics which will be in direct contact with the skin, e.g. underwear, nappies, towelling, bed linen, pillow and mattress covers.	
Note	There is a longer temperature holding time in the main wash.	
Extra options	Pre-wash or Soak, Water plus, Rinse hold	
First wash	**cold to 40°C**	**Max. load 3.0 kg**
Fabric	New items made of cotton, towelling and polyester fabrics.	
Note	Use this programme to wash any chemical residues out of new items.	
Extra options	Water plus, Rinse hold	
Proofing	**40°C**	**Max. load 2.0 kg**
Item	For treating microfibre fabrics, skiwear, fine, closeweave cotton garments (poplin) or tablecloths to provide a water and dirt resistant finish.	
Notes	– The items should be freshly laundered and spun or dried before proofing. – For best results, the items should be heat-treated afterwards, either in a tumble dryer or by ironing.	
Extra option	Rinse hold	

Curtains	**cold to 40°C**	**Max. load 2.0 kg**
Item	Curtains, including net curtains, specified as machine-washable by the manufacturer. A pre-rinse **without** detergent is carried out automatically to remove dust.	
Note	For curtains which crease easily, reduce the spin speed or deselect the spin.	
Extra options	Water plus, Rinse hold	
Pillows	**40°C to 95°C**	**2 pillows (40 x 80 cm) or 1 pillow (80 x 80 cm)**
Item	Washable pillows with feather, down or synthetic fillings.	
Note	– Please observe the instructions on the wash care label.	
Extra options	Water plus, Rinse hold	
Starch		**Max. load 6.5 kg**
Note	The laundry (table cloths, napkins, overalls) should be washed but not treated with fabric conditioner.	
Extra option	Rinse hold	
Separate rinse		**Max. load 6.5 kg**
Extra option	Rinse hold	
Drain		**Max. load 6.5 kg**
For draining water from the machine.		
Drain/Spin		**Max. load 6.5 kg**
Note	– Make sure you select the appropriate spin speed.	

Programme sequence

	Main wash		Rinses		Spinning	
	Water level	Wash rhythm	Water level	No of rinses	Rinse and interim spin	Final spin
Cottons		Ⓐ		2-3[3)]	✓	✓
Minimum iron		Ⓒ		2-3[4)]	✓	✓
Delicates		Ⓓ		3	–	✓
Automatic		ⒶⒷⒸ		2-3[4)]	✓	✓
Dark garments		Ⓑ		3	✓	✓
Shirts		Ⓒ		2	–	✓
Denim		Ⓒ		3	–	✓
Express		Ⓑ		2-3[4)]	✓	✓
Woollens		Ⓔ		2	✓	✓
Silks		Ⓔ		2	–	✓
Sportswear		Ⓒ		2	✓	✓
Outerwear		Ⓓ		3	✓[5)]	✓
Hygiene		Ⓑ		3-4[3)]	✓	✓
First wash		Ⓑ		2	✓	✓
Proofing		Ⓓ	–	–	–	✓
Curtains[1)]		Ⓓ		3	–	✓
Pillows[2)]		Ⓓ		3	–	✓
Starch		Ⓒ	–	–	–	✓
Separate rinse	–	–		2	–	✓
Drain/Spin	–	–	–	–	–	✓

= Low water level
= Medium water level
= High water level

Ⓐ = Intensive rhythm
Ⓑ = Normal rhythm
Ⓒ = Gentle rhythm
Ⓓ = Sensitive rhythm
Ⓔ = Handwash rhythm

See the following page for more information about the programme sequences.

This machine has fully electronic controls with automatic load recognition. It takes in the right amount of water required for the programme depending on the amount of laundry and its absorbency rate. This means that programme cycles and durations can vary.

The programme sequences outlined in the chart are based on the basic programme with a full load. Extra options which can be selected have not been taken into account.

The display shows the stage the programme has reached.

Special features in the programme sequences:

Anti-crease:

At the end of every programme, with the exception of the *Woollens* programme, the drum continues to turn at intervals for up to 30 minutes to help prevent creasing. The door can be opened and laundry removed at any time during the anti-crease phase.

1) Pre-rinse: A pre-rinse without detergent is carried out automatically to remove dust.

2) Run-up to spin: A run-up to spin is carried out before the wash process begins to deflate the pillows. Subsequent water intake for the main wash is through compartment III.

3) A third or fourth rinse is carried out if:

– there is too much foam in the drum

– a spin speed lower than 700 rpm has been selected

– *Without spin* has been selected

4) A third rinse is carried out if:

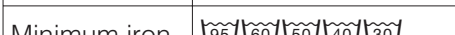
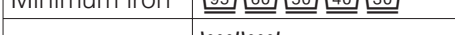
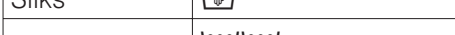
Without spin has been selected

5) In the *Outerwear* programme, laundry is only spun after the main wash.

Garment care label symbols

Washing	
The figure quoted in the bucket is the maximum temperature the garment can be washed at. The number of bars under the symbol indicates the level of agitation permitted.	
	No bar under the symbol: = normal agitation
	One bar under the symbol: = reduced agitation
	Two bars under the symbol: = much reduced agitation
	Hand wash (if no temperature is specified use the lowest temperature or cold)
	Do not wash

Examples for programme selection

Programme	Care label
Cottons	
Minimum iron	
Delicates	
Woollens	
Silks	
Express	
Automatic	

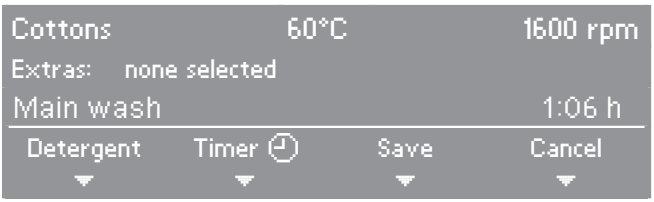
Drying	
The number of dots indicates the drying temperature	
	Normal temperature
	Low temperature
	Do not tumble dry

Ironing	
The number of dots indicates the ironing temperature	
	Hot iron (max sole plate temp. approx. 200°C)
	Medium hot iron (max sole plate temp. approx. 150°C)
	Cool iron (max sole plate temp. approx. 110°C). Do not steam iron garments carrying this symbol.
	Do not iron

Professional cleaning	
	Dry clean only. The letters indicate the type of cleaning agent required.
	Professional Wet Clean only
	Do not dry clean

Bleaching	
	Any oxidising bleaching agent can be used
	Only use an oxygen based bleach or a non-chlorine bleach
	Do not bleach

Cancelling a programme



You can cancel a programme at any time after it has started by pressing short cut button ④ *Cancel*.

The suds will be pumped away.

■ Press short cut button ④ *Back* to select a different programme.

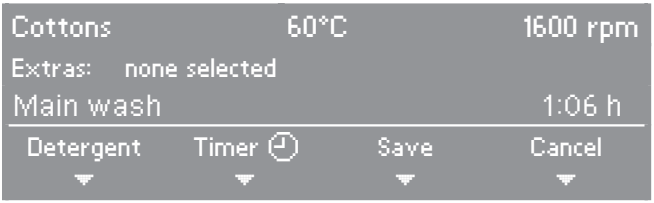
Interrupting a programme

■ Switch the machine off with the *I-On/0-Off* button.

To continue with the same programme:

■ Switch the washing machine back on again with the ⏻ button.

Changing a programme



– Once a programme has started, you can change the spin speed up until the final spin begins.

Adding or removing laundry after a programme has started

- Press the door button ⊶ to open the drum door.
- Add or remove items.
- Close the drum door.

The programme will continue automatically.

Please note:

Once a programme has started the machine cannot recognise any adjustment to the load.

For this reason, if laundry is added or removed after the start of a programme, the machine will always complete the programme cycle assuming a full load which can lead to a change in the programme duration shown in the display.

The door cannot be opened, if:

– the suds temperature is above **55°C**.

– the water is above a certain level.

– the programme has reached the *Final spin* stage.

If you press the ⊶ button when the above conditions are present, the following will appear in the display:

⊶ Machine locked

Safety lock

The safety lock prevents the machine from being opened and/or the programme cancelled during a wash programme.

To activate the safety lock

- Once the programme has started, press the *Start* button for at least 6 seconds until the following appears in the display:

Locked

The machine will now not accept any changes and the programme will proceed through to the end.

The safety lock is deactivated automatically at the end of the programme.

To deactivate the safety lock

- Press the *Start* button for at least 6 seconds until the following appears in the display:

Unlocked

The correct detergent

All modern detergents produced for automatic **Front loading** washing machines are suitable. Use dispensing aids, e.g. balls, if these are supplied with the detergent. Tablets are suitable for full loads, but note that it may be impractical to reduce tablets for smaller loads. Some tablets do not dissolve as rapidly as others, and may not be suitable for programmes with short durations.

Do not use biological detergents on silk as the enzymes may damage the silk!

Instructions for use and recommended dosage amounts are given on the detergent packaging.

For programmes without pre-wash or time delay start, liquid detergent can either be dispensed placing a ball shaped container (commonly provided by the detergent manufacturer) straight onto the laundry load or alternatively dispensed through the detergent dispenser drawer. For programmes with pre-wash or delay start facility (where applicable), an additional liquid detergent dispenser insert (Material number 6134691) is available from the Miele Spare Parts Department.

	All purpose detergent for whites*	**Detergent for coloured fabrics***	**Detergent for delicates**
Cottons	X	X	
Minimum iron	X	X	
Delicates			X
Automatic	X	X	
Dark garments		X[1)]	
Shirts	X	X	
Demin		X[1)]	
Express	X	X	
Woollens	Liquid detergent for machine-washable woollens		
Silks			X
Sportswear	X	X	
Outerwear			X
Hygiene	X		
First wash	X	X	
Proofing	Only use proofing agents which are stated by the manufacturer as being "suitable for use on membrane textiles" as these consist of fluorochemical compounds. **Do not use** proofing agents which contain paraffin. Add proofing agents to compartment ❀.		
Curtains	X[2)]	X[2)]	
Pillows	X[1)]	X[1)]	
Starch	Liquid starch, starch formulations, viscous liquid starch, starch		

1) Only use liquid detergent

2) Only use powder detergent or detergent specifically designed for washing curtains

* Powder detergent, tablet detergent, liquid detergent and liquid tab detergent.

The right amount to dispense will depend on the following:

– The quantity of the laundry

– The soiling level of the laundry

Lightly soiled
No visible dirt or stains. Possibly slight body odour.

Normally soiled
Visibly dirty and/or just a few slight stains.

Heavily soiled
Stains and soiling clearly visible.

– The water hardness level.
Check with your local water supplier if you do not know the hardness level in your area.

Water softener

A water softener can be used to cut down on the use of detergents in hard water areas. Dispense according to the amount specified on the packaging. First add detergent and then the water softener.

Use a quantity of detergent as for soft water.

Washing with several components

If you wash using several components (e.g. special application detergents), we recommend always dispensing the agents into compartment in the following order:

1. Detergent

2. Water softener

3. Stain remover

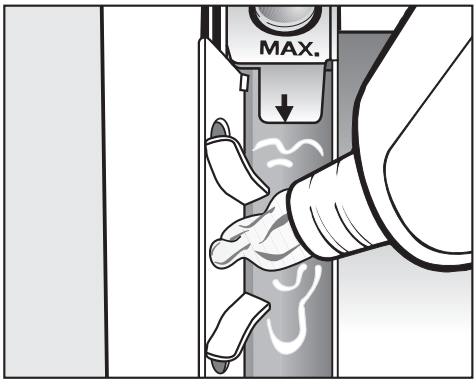
This way the agents are distributed more evenly.

Fabric conditioners and liquid starch

Fabric conditioners make garments soft to handle and help prevent static cling when tumble drying.

Starch stiffens and gives body to items of laundry, e.g. shirts, tablecloths and bed linen.

Automatic dispensing of fabric conditioner or liquid starch to laundry at the end of a programme



- Add the fabric conditioner or liquid starch to compartment ❀. **Do not exceed the maximum level mark.**

It will be automatically dispensed in the last rinse. At the end of the programme a small amount of water remains in the fabric conditioner compartment ❀.

If starching frequently, thoroughly clean the dispenser compartment, especially the siphon tube and fabric conditioner channel, regularly. See "Cleaning the detergent dispenser drawer". Do not use powder starch formulations or viscious liquid starch in the ❀compartment as it will clog up. See below.

Adding fabric conditioner or liquid starch separately

- Dispense in accordance with manufacturer's instructions on the packaging.
- Add powder or viscose starch to compartment II.
- Add the fabric conditioner or liquid starch to compartment ❀.
- Select the *Starch* programme.
- Select a spin speed or the *Rinse hold* extra option.
- Press the *Start* button.

Colour run and dye removers/ dyes

- Do not use colour run or dye removers in this machine.
- Dyes suitable for use in domestic washing machines can be used. However, please note that the salt used in the dyeing process can cause corrosion to stainless steel components in the machine if you dye frequently. Follow the manufacturer's instructions carefully.

⚠ Disconnect the machine from the mains electricity supply and withdraw the plug from the socket before cleaning the machine.

⚠ The washing machine must not be hosed down.

External casing and fascia panel

- Clean the casing with a mild non-abrasive cleaning agent or soap and water using a well wrung-out cloth. Wipe dry with a soft cloth.
- The drum can be cleaned using a suitable proprietary stainless-steel cleaning agent following the manufacturer's instructions on the packaging.

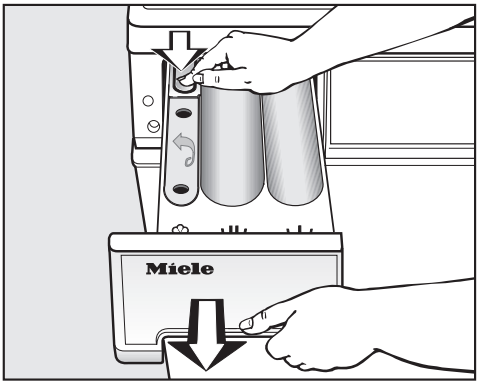
⚠ Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaning agents.
These might damage plastic surfaces and other components because of the chemicals they contain.

Extra cleaning

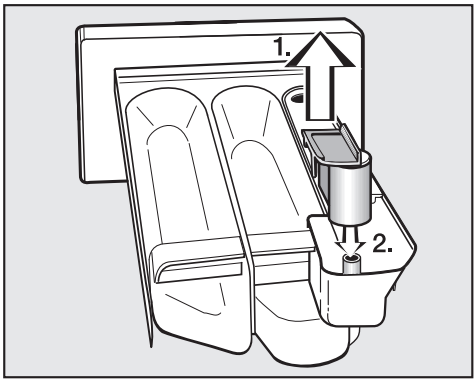
Carry out a hot wash (70°C or above) with powder detergent approx. every 6 weeks to help prevent deposits building up in the machine. These can occur when washing is mainly done at low temperatures, and also lead to unpleasant smells. If you have no reason to wash occasionally at this high temperature, then run a Cottons 95°C programme with detergent but no laundry at regular intervals.

Cleaning the detergent dispenser drawer

Remove detergent residues regularly.



- Pull out the detergent dispenser drawer until a resistance is felt. Press down the release catch and at the same time pull the drawer right out of the machine.
- Clean the detergent drawer with warm water.



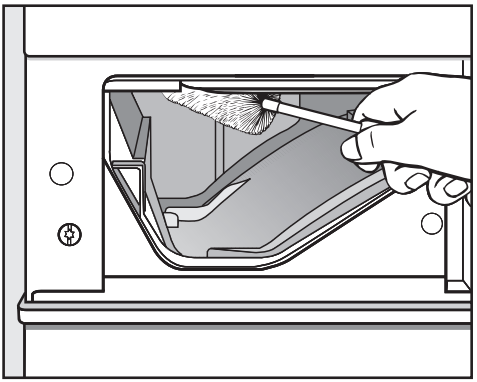
■ Clean the siphon.

1. Remove the siphon from compartment ❀ and rinse under warm running water. Clean the siphon tube in the same way.

2. Replace the siphon.

If starching frequently, thoroughly clean the siphon and siphon tube regularly. A build-up of starch will cause them to get clogged.

Cleaning the detergent dispenser drawer housing



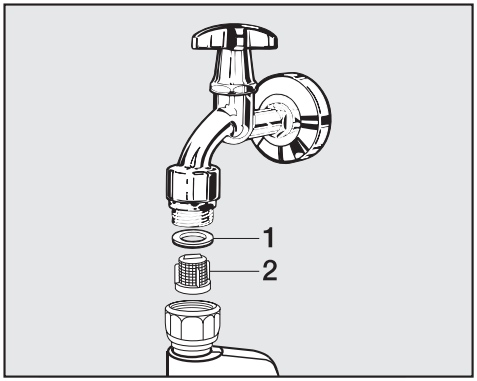
■ Use a bottle brush to remove detergent residues and limescale from the jets inside the detergent dispenser drawer housing.

Cleaning the filter in the water inlet

The washing machine has a filter to protect the water inlet valve.

The accessible filter in the union in the open end of the inlet hose should be checked every six months, or more often if there are frequent interruptions to the external water supply.

- First turn off the tap.
- Unscrew the threaded union connecting the free end of the inlet hose to the tap.



- Remove the rubber seal **1** from the recess.
- Using pointed pliers, take hold of the plastic filter bar **2** and remove.
- Clean the plastic filter.
- Put the filter and seal back in the reverse order and reconnect the hose.

Turn on the tap and check the connection is watertight. If water drips out, tighten the connection.

Never forget to put the filter back in place after cleaning.

What to do, if . . .

With the help of the following notes, minor faults in the performance of the appliance, some of which may result from incorrect operation, can be put right without contacting the Service Department.

⚠ Repair work to electrical appliances should only be carried out by a suitably qualified person in accordance with local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

The programme does not start

Problem	Possible cause	Remedy
The display remains dark.	There is no power to the machine.	Check whether – the mains plug is plugged in and switched on. – the fuse or circuit breaker has tripped.
You are asked to enter a code.	Access via a code has been activated.	Enter the code and confirm the entry. Deactivate the code if you do not wish this message to appear in the display the next time the machine is switched on.
There is a fault message in the display.	A programme cannot be started while there is a fault message in the display.	– Note what is shown in the display. – Switch the washing machine off and then back on again with the ⏻ button. The fault message will be deleted.
The display is dark and the *Start* button is flashing slowly.	The display has switched off automatically to save energy (Stand-by mode).	Press one of the short cut buttons. Stand-by comes to an end.

Problems with the load size indicator

Problem	Possible cause	Remedy
The display indicates a load of < 25% even though the drum is full.	There was already laundry in the drum when the washing machine was switched on. This has decalibrated the sensor from the zero setting.	– o recalibrate the sensor to the zero setting: – Remove the laundry from the drum and leave the door open. – Switch off the washing machine. – Switch on the washing machine. – Select the *Cottons* programme. – Press short cut button ① *Detergent* in until the display shows: Zero setting OK.
The display indicates a load greater than < 25%, even though the drum is empty.	The load size sensor has been decalibrated from the zero position.	The load size sensor has been decalibrated from the zero position.

General problems

Problem	Possible cause	Remedy
The machine shakes during the spin cycle.	The machine feet are not level.	Level the machine (see "Installation").
The laundry has not been spun properly and is still wet.	The machine detected an imbalance during the final spin and reduced the spin speed automatically.	Include both large and small items in the load as this will give better distribution.
The laundry has not been spun satisfactorily.	The spin speed selected was too low.	Select a higher spin speed next time.
The pump makes strange noises.	This is not a fault! These noises occur at the end of a pump sequence as a normal part of the operation.	
Large amounts of detergent residue remain in the detergent dispenser drawer.	The water pressure is too low.	– Clean the filter in the water inlet. – Select Water plus.
	Powder detergent used with water softeners can be sticky.	Add washing powder and then add the water softener.
Fabric conditioner is not completely dispensed or too much water remains in the ❀ compartment.	The siphon tube is not correctly positioned, or is clogged up.	Clean the siphon, (see "Cleaning and care - Cleaning the detergent dispenser drawer").
The display is in a different language.	A different language has been selected in "Settings/ Language ⚑".	Set the language you want. The flag symbol will guide you.
When laundry is dry it feels hard to the touch.	Too vigorous wash action.	Programme in gentle action and more water.
	Not enough detergent used.	Increase detergent dose to prevent limescale build up in laundry.
	No fabric conditioner used.	Use fabric conditioner in last rinse.
Power cut	Once power has been restored to the appliance push the ⏻ button to continue the programme.	

An unsatisfactory wash result

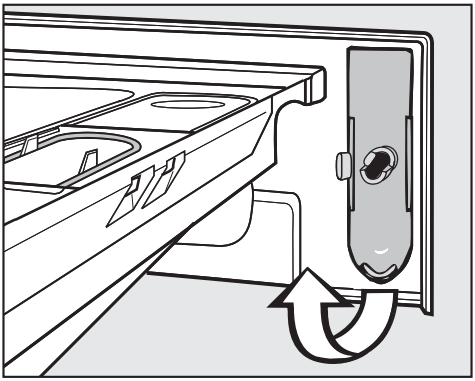
Problem	Possible cause	Remedy
Liquid detergent does not give the required result.	Liquid detergents usually contain no bleaching agents. They do not remove fruit, coffee and tea stains.	– Use a general purpose detergent containing a bleaching agent. – Pour stain removers into compartment III of the dispenser drawer and liquid detergent into a dispenser ball. – Never put stain removers and liquid detergent together in the dispenser drawer.
Grey, greasy particles cling to washed laundry.	Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry.	– Use more detergent. – Before washing the next load run a *Cottons 60°C* programme with liquid detergent but without a load.
A stale smell is in the drum and on laundry.	Low temperature washing.	Before washing the next load run a *Cottons 95°C* programme with powder detergent but without a load.
White residues which look like powder detergent are seen on dark textiles after washing.	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. They have ended up on the laundry.	– Try and brush off the residues with a soft brush once the laundry is dry. – Wash dark textiles using a detergent which contains no zeolites. Liquid detergents usually contain no zeolites. – Use the *Dark garments* programme.
Clothes are coming out creased.	Programme was overloaded.	Reduce quantity of clothes in drum.
	The wrong programme was used.	– Check care labels and the programme chart. – Use easy iron conditioners.

The drum door cannot be opened by pressing the button	
Possible cause	**Remedy**
The machine is not connected to the electricity supply and / or is not switched on.	Insert the plug in the socket and switch on and / or switch the machine on with the ⏻ button.
The safety lock has been activated.	Deactivate the safety lock as described in "Changing the programme sequence - Safety lock".
Access via a code has been activated.	Deactivate the code as described in the "Settings menu".
Power cut	Open the drum door as described in the next section.
The door was not correctly engaged.	Press hard against the lock side of the drum door and then press the button.
There is still water in the drum and the machine is unable to drain.	Clean the fluff filter and drain pump as described in the next section.
For safety reasons the drum door cannot be opened when the suds temperature is higher than 55°C.	

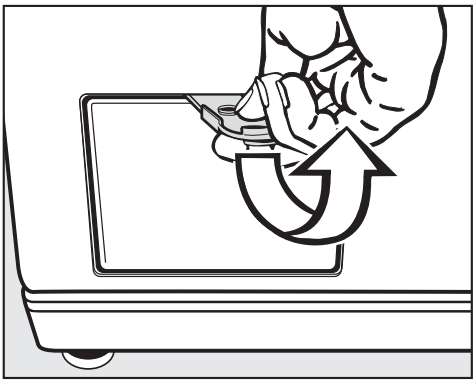
Opening the drum door in the event of a blocked drain outlet and/or power failure

■ Switch the washing machine off.

There is a filter flap opener behind the detergent drawer facia panel.



■ Remove the opener.



■ Use it to open the access flap.

Blocked drain outlet

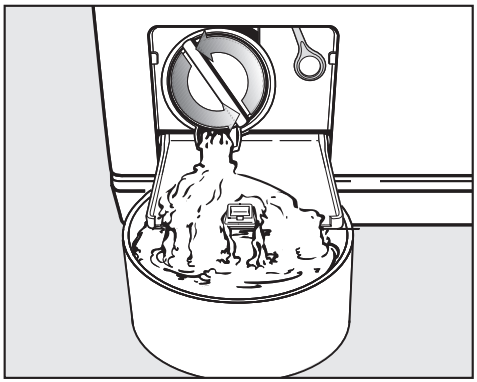
If the drain outlet is clogged, more water will be retained in the machine **(up to 25 litres)**.

⚠ Caution: If laundry has been washed at a high temperature, water draining out of the machine will still be hot. Danger of scalding!

Procedure for draining the machine

■ Place a suitable container under the access flap.

When draining water from the machine, do **not** unscrew the drain filter completely or take it right out.

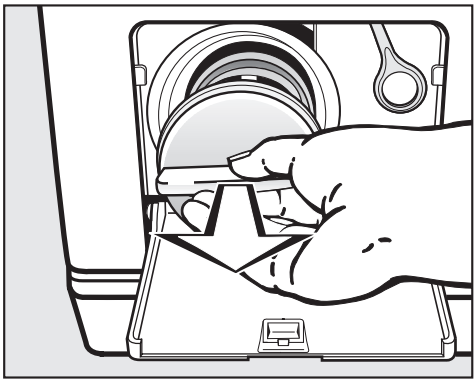


■ Turn the drain filter lid round, until water runs out.

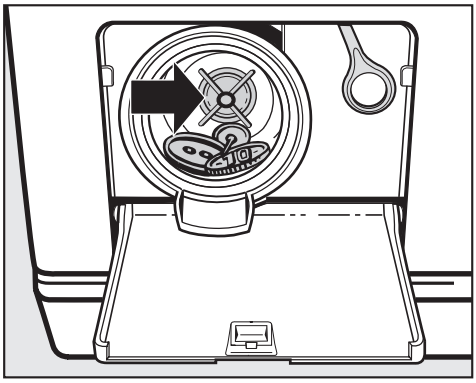
To interrupt the flow of water:

■ Tighten the drain filter back up again.

Once the flow of water ceases:



- Remove the drain filter completely.
- Clean the drain filter thoroughly.

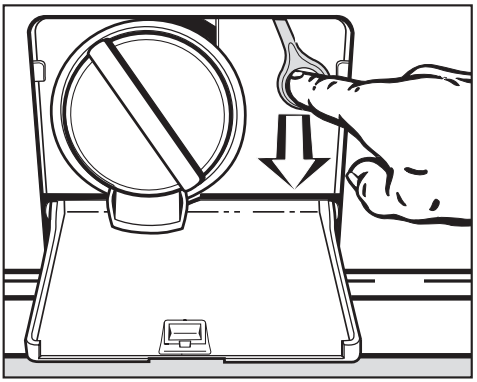


- Remove any foreign objects (e.g. buttons, coins, etc.) and fluff. Turn the impeller by hand to check that it rotates freely. Any foreign object causing an obstruction should be removed.
- Put the drain filter back in place and secure.

⚠ Make sure the drain filter is securely tightened. Otherwise there is a risk of water leakage during use.

Opening the drum door

⚠ Always make sure that the drum is stationary before reaching into the machine to remove laundry. Reaching into a moving drum is extremely dangerous.



- Pull the emergency release downwards (see illustration). The drum door will open.

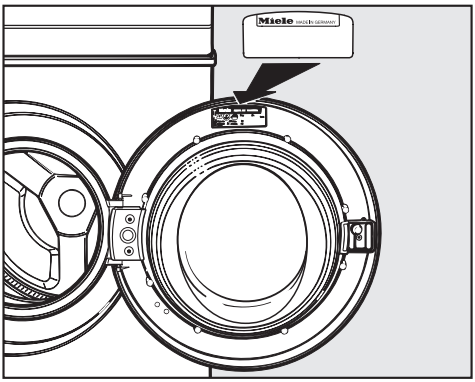
After sales service

In the event of any faults which you cannot remedy yourself, please contact:

– your Miele Chartered Agent or

– the Miele Service Department (see back cover for contact details).

When contacting the Service Department, please quote the model and serial number of your appliance, both of which are shown on the data plate visible at the top inside of the door above the porthole glass when the door is open.



Future updates (PC)

The indicator light marked PC allows a service technician to update your machine in future years.

If, for example, new programmes are developed or new fabrics are introduced, a Miele service technician will be able to modify existing programme cycles accordingly.

Miele will provide information when such developments become available.

Appliance guarantee

The appliance is guaranteed for a period of 2 years.

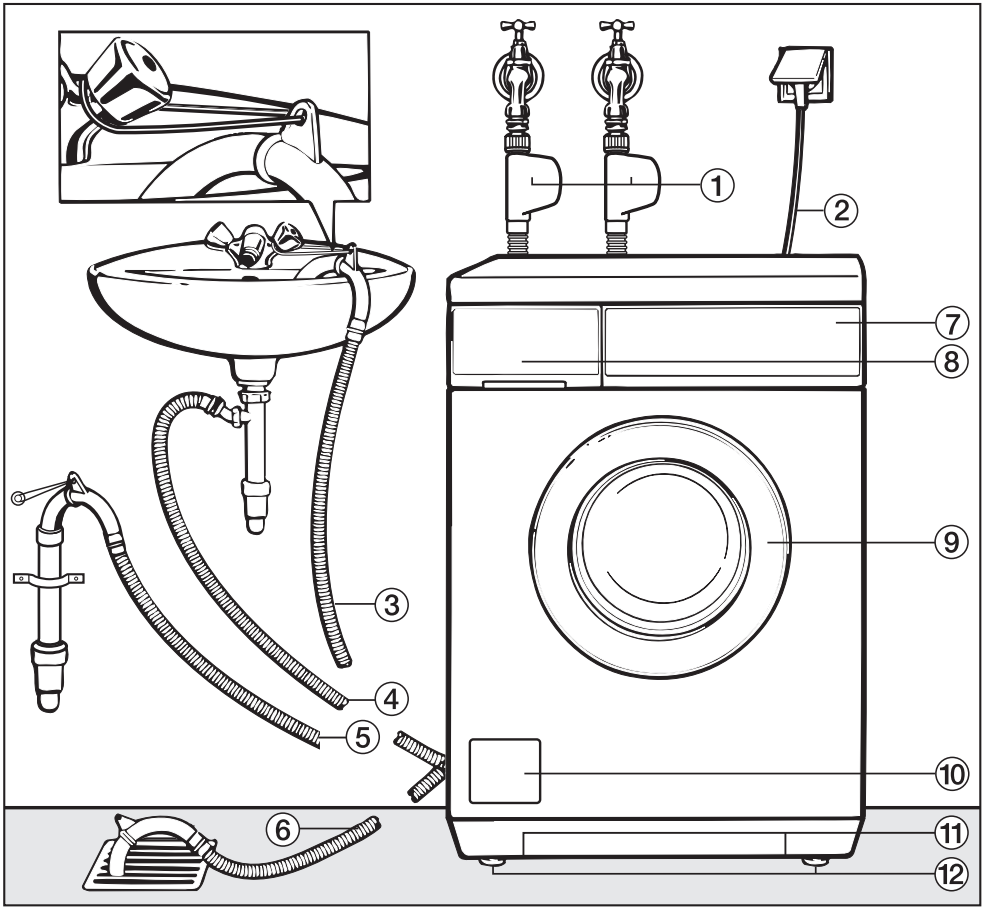
See the guarantee card supplied with the machine for further details.

Optional accessories

Optional accessories for these washing machines are available from your Miele Chartered Agent or from the Miele Spare Parts Department.

Please note that telephone calls may be monitored and recorded to improve our service.

Front view



① Inlet hoses with "Waterproof system" for cold water and hot water connection

② Electrical connection

③ - ⑥ Flexible drain hose (with detachable swivel elbow)

⑦ Facia panel with controls

⑧ Detergent dispenser drawer

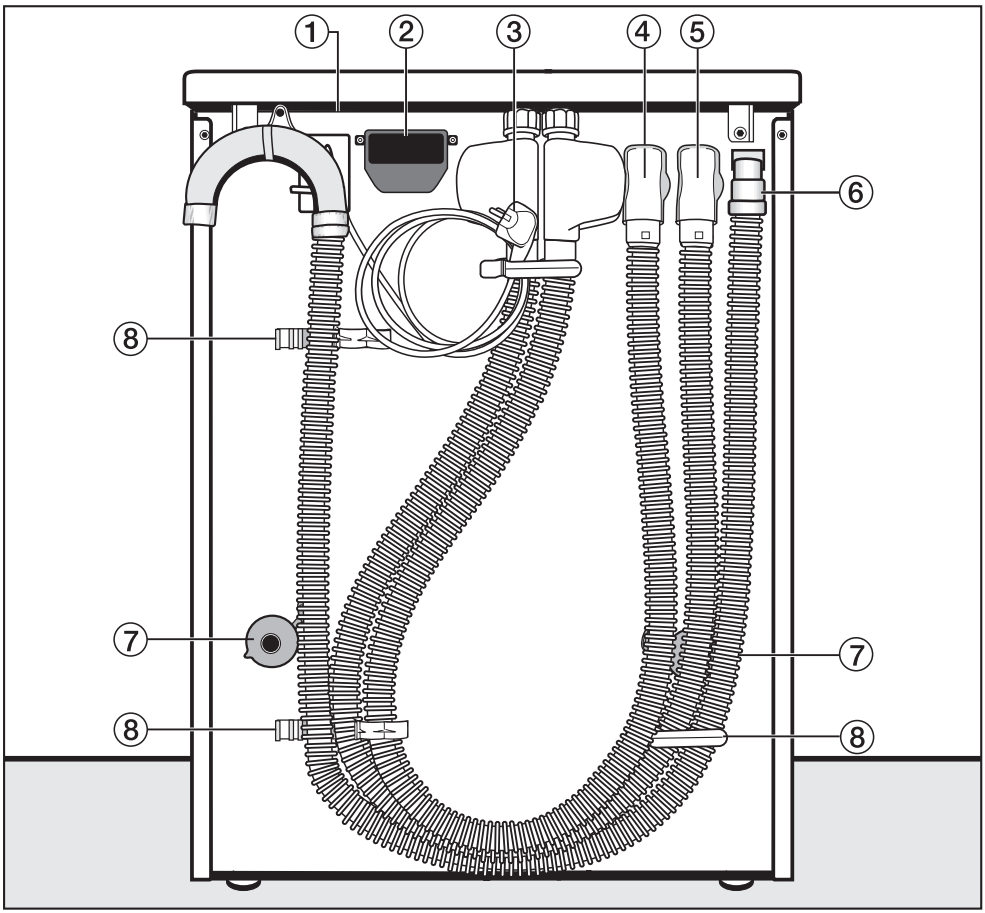
⑨ Drum door

⑩ Flap for fluff filter, drain pump and emergency release

⑪ Handle recesses for moving the machine

⑫ Four height adjustable screw feet

Rear view



① Protruding lid for holding when moving the machine

② Slot for Miele@home communication module

③ Electricity supply cable

④ nlet hose with "Waterproof" system for hot water connection

⑤ Inlet hose with "Waterproof" system for mains cold water connection

⑥ Drain hose

⑦ Transit bar covers

⑧ Restraining clip for inlet hose and drain hose

⑨ Restraining clips for transit bars when removed

Installation surface

A concrete floor is the most suitable installation surface for a washing machine, being far less prone to vibration during the spin cycle than wooden floorboards or a carpeted surface.

Please note the following points:

- The machine must be level and securely positioned.
- To avoid vibrations during spinning, the machine should not be installed on soft floor coverings.

If installing on a wooden joist floor:

- we recommend a plywood base (at least 59x52x3 cm). The base should span several joists and be bolted to the joists and not only to the floorboards. Check for the presence of pipes and cables.

If possible, install the machine in a corner, as this is usually the most stable part of the floor.

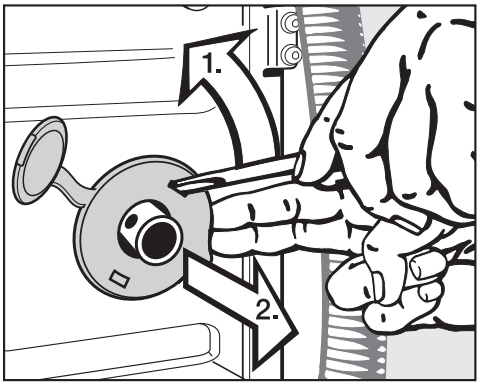
⚠ If the machine is installed on a raised plinth, it **has to be secured** against slippage during spinning using retaining clips (available from the Miele Spare Parts Dept).

Installing the washing machine

To manoeuvre the machine out of its packing case to its installation site hold it by the edge of the lid where it protrudes to the rear of the washing machine as well as by the handle recesses at the front.

⚠ Ensure that the machine feet and the floor are dry to prevent the machine from slipping during the spin cycle.

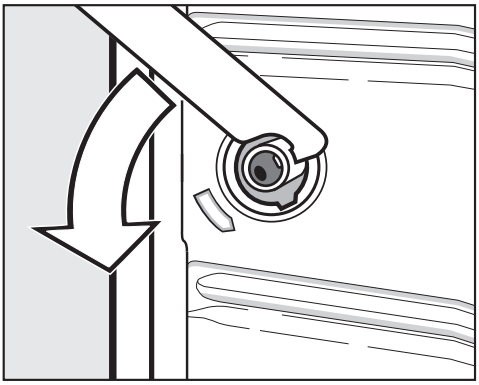
Removing the transit fittings



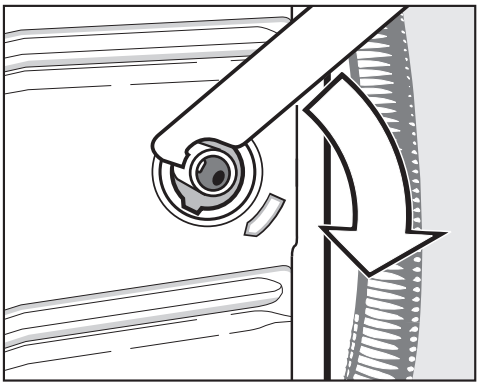
- To remove the left and right covers

1. Use a screwdriver to prise out the cover as illustrated.

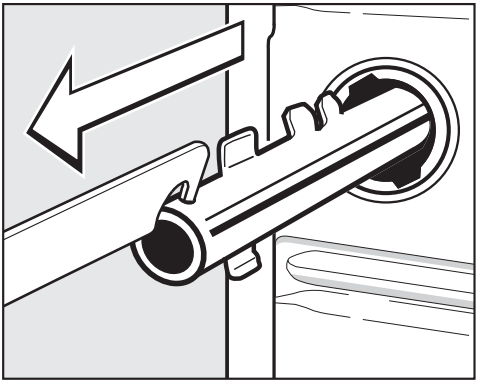
2. Pull the cover forwards to remove.



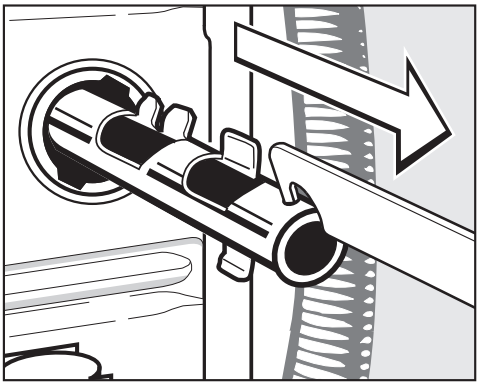
■ Using the spanner supplied turn the left-hand transit bar 90°, then



■ Turn the right-hand transit bar 90°, then

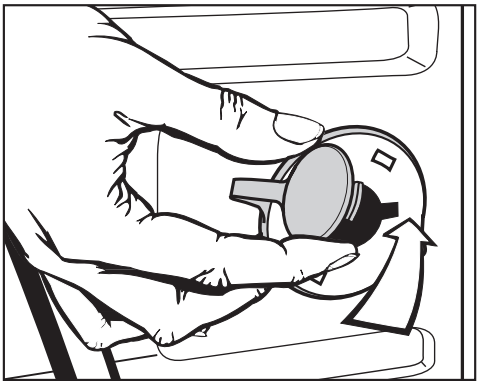


■ withdraw the transit bar.

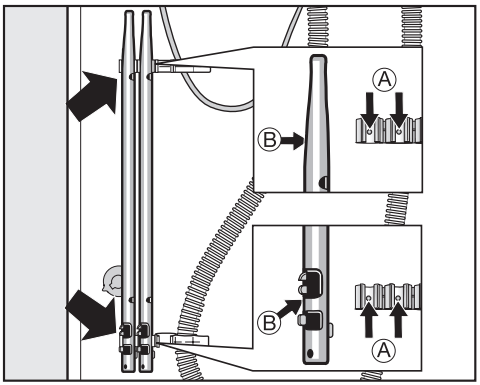


■ withdraw the transit bar.

⚠ To avoid the risk of injury the holes for the transit bars must be covered after the transit bars have been removed.



■ Fit the covers on to the two holes. Then plug the holes as shown with the caps.



■ Secure the transit bars to the back of the washing machine. Make sure that holes Ⓑ are fitted over retainers Ⓐ.

⚠ The washing machine must not be moved without the transit bars in place.
Store the transit bars as shown or keep them in a safe place for future use. They must be re-fitted if the machine is to be moved again (e.g.when moving house).

Re-fitting the transit bars

Re-fitting is carried out by reversing the procedure.

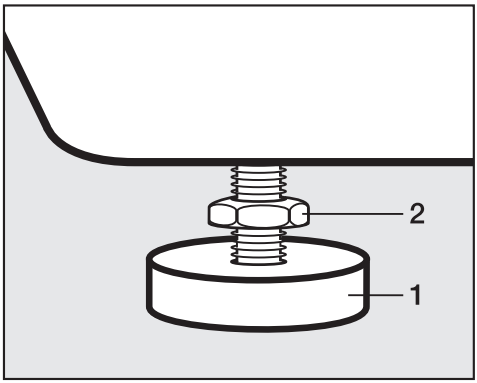
Levelling the machine

The machine must stand perfectly level on all four feet to ensure safe and proper operation.

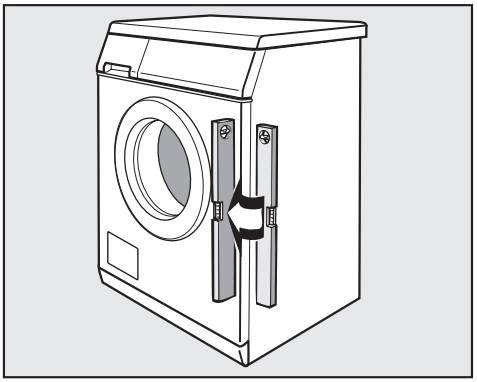
Failure to level the machine can result in the machine "banging" in the spin cycle or "walking" across the floor during operating.

Screwing out and adjusting the feet

The four adjustable screw feet are used to level the machine. All four feet are screwed in when the machine is delivered.



- Using the spanner supplied turn counter nut **2** in a clockwise direction. Then turn counter nut **2** together with foot **1** to unscrew.



- Use a spirit level to check the machine is standing level.
- Hold foot **1** securely with a pipe wrench. Turn counter nut **2** again using the spanner supplied until it sits firmly up against the housing.

⚠ All four counternuts must be firmly up against the housing. Please also check this for the feet which did not need adjustment. Otherwise there is the danger of the machine moving about.

Building under a continuous worktop / in a kitchen run

– A special building under conversion kit* is required.
The machine lid must be replaced by a cover plate. To ensure electrical safety the cover plate must be fitted. **

N.B.**

If you wish to push your machine under a worktop and there is space to do this **without removing the lid**, the conversion kit is not necessary. Otherwise the conversion kit is essential.

– For installation under a work surface 900/910 mm from the floor, a raising kit* is required.

– Connections for electricity, water and drainage should be installed in such a way that they remain accessible when the machine is in place.

Fitting instructions are supplied with the conversion kit.

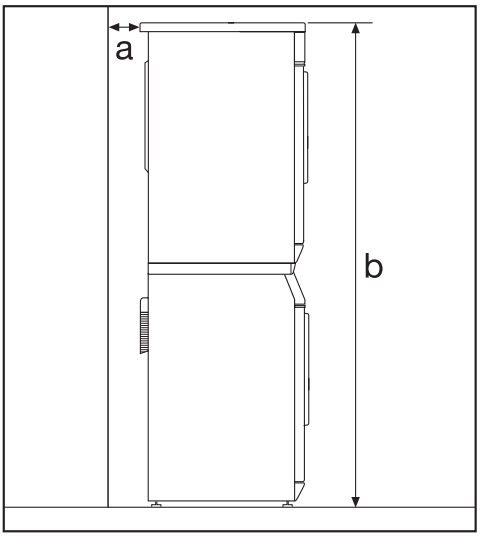
All parts marked* are available from the Miele Spare Parts or Sales Department.

The fitting of cover plates and stacking kits must only be undertaken by qualified and competent persons, in accordance with the instructions supplied with the kit.

Washer and Dryer stack

A Miele tumble dryer can be stacked with the washing machine. A stacking kit* is necessary and can be purchased from the Miele Spare Parts Department.

Please note



a Safety distance to wall:
at least 2 cm

b Height:
Stacking kit with pull-out shelf:
approx. 169 cm
Stacking kit without pull-out shelf:
approx. 170 cm

⚠ A washer and dryer should never be stacked without using the proper stacking kit. Doing so is extremely dangerous, as the dryer may vibrate off of the washing machine during use.

The Miele Waterproof system

The Miele Waterproof system protects all parts of the washing machine from water damage.

The system consists of three main components:

1) the inlet hoses

2) the electronic unit and the washing machine housing

3) the drain hose

1) Inlet hoses

– The inlet hoses are fitted with additional electrical safety valves which work like automatic taps and are housed in the inlet hose connection boxes.

– They are pressure proof to between 7000 and 10000 kPa.

– The inlet hoses have a protective sleeve.

  Any leaking water from the inlet hose is fed into the sump through the protective covering which surrounds the inlet hose as a "second skin". The float switches off the safety valves, preventing water flowing into the machine and water in the suds container is pumped away.

2) Electronic unit and washing machine housing

– Sump

  Any leaking water is collected in a sump in the base of the appliance. A float switches off the water inlet valves, preventing water flowing into the machine and water in the suds container is pumped away.

– Overflow protection

  This prevents the washing machine taking in too much water. If the water level exceeds a certain level, the drain pump switches on and pumps the water away.

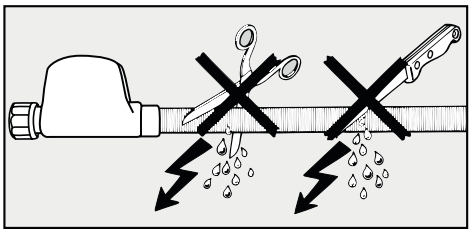
3) Drain hose

The drain hose is protected by a ventilation system which prevents the washing machine from being emptied completely.

Connection to the water supply

⚠ The plastic casing of the safety valve contains electrical components. The Waterproof system must only be connected to its own tap. It must not be connected to mixer taps or similar and must not be fitted in areas where there is the risk of water or other liquids reaching it. A flexible metal extension hose, available from your Miele Chartered Agent or the Miele Spare Parts Department as an optional extra, should be used if necessary.

Do not dip into any liquid.



The protective sleeve of the hose must not be damaged or kinked.

The machine should be connected to a mains water supply in accordance with local and national safety regulations. Connection to a household water softener is not recommended.

The machine is designed to operate with a flow pressure of between 100 and 1000 kPa. If it is higher than 1000 kPa it is essential to fit a reducer valve.

Connection to the mains water supply should incorporate a mains tap with $^{3}/_{4}$" thread. The tap should be fitted by a qualified plumber.

⚠ The connection points are subject to mains water pressure. Turn on the taps slowly and check for leaks. Correct the position of the washer and union if appropriate.

Maintenance and care

Only use a **Miele Waterproof system** hose should you need a replacement.

In order to protect the water inlet valve, the dirt filter in the water inlet valve connection must not be removed.

Extension hose

A 1.5 metre long (metal) extension hose is available from the Miele Spare Parts Department as an optional extra.

This hose is tested to withstand pressures of up to 14000 kPa and can be used as a flexible extension to the water supply.

Connection to the water supply

The washing machine must always be connected to the mains water supply (inlet hose with blue dots).

Cold water connection (mains water supply)

The inlet hose with blue dots is used for mains water connection.

Hot water connection

The inlet hose with red dots is used for connection to the hot water supply.

Useful hints when connecting to the hot and cold water supply.

– The maximum temperature at the tap must not exceed 60C. The ideal temperature is 55C.

– When connected to the hot (and cold) water supply, after some time the washing machine will switch over to the mains (cold) water supply if no hot water is being supplied.

The conditions for connection are described on preceding pages.

This appliance incorporates backflow protection complying with AS/NZS 3500.1.2.
No further backflow protection required for connection to the water supply.

Connection to the drainage system

The machine drains via a drain pump with a delivery head of 1 metre*. The drain hose must not be kinked as this restricts drainage. The swivel elbow at the end of the hose can be turned in either direction, or can be detached if required, with a sharp twist and pull.

If required, the drain hose can be extended to a length of 5 m. The necessary parts can purchased from the Miele Spare Parts Department.

* For a delivery head of of more than 1 m (up to a max. of 1.8 m) a second duo-drain pump is available with the corresponding kit from the Miele Spare Parts Department.

Drain hose connection:

1. Direct into a sink or basin:

Please note the following:

– Hook the hose over the edge and secure.

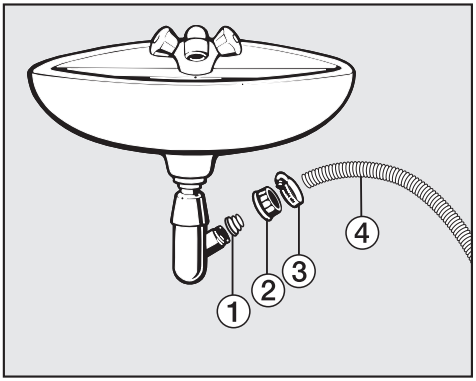
– Make sure that the water can drain away freely without hindrance. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.

2. Connected securely to a plastic drain pipe with a rubber nipple. There is no need to use a non-return valve.

3. Connected securely to a standpipe.

4. Connected securely to a floor gully.

Please note:



① Adapter

② Nut

③ Hose clip

④ End of the hose

- Fit adapter ① to the sink drain outlet using nut ②.
- Attach the end of the hose ④ to adapter ①.
- Use a screwdriver to tighten hose clip ③ up close to the nut.

Electrical connection

The washing machine is supplied with a mains cable with moulded plug for connection to a 230V mains supply. The voltage, rated load and plug rating are given on the data plate. Please ensure these match the household mains supply.

The accesibility of the plug must be always ensured, in order to separate the washing machine from the mains.

All electrical work should be carried out only by a suitably qualified and competent person, in strict accordance with national and local safety regulations.

For extra safety it is advisable to install a residual current device (RCD), with a trip current of 30 mA.

Ensure power is not supplied to the appliance until after installation work has been carried out.

Connection should be made via a suitable switching socket which is easily accessible after installation, in order to separate the washing machine from the mains.

Do not connect via an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

WARNING: THIS APPLIANCE MUST BE EARTHED

Consumption data for AS/NZS 2040.2:2005 Standard

		Load	Consumption data		
			Energy in kWh	Water in litres	Duration Normal Cold Water
Cottons	40°C	6.5 kg	0.62	52.3	1 h 51 min

Notes for test institutes:

– Detergent **must** be despensed via the detergent dispenser drawer.

Consumption data can vary from the nominal values given depending on water pressure, water hardness, water inlet temperature, room temperature, type and volume of load, fluctuations in the electricity supply and any extra options selected.

Consumption data

Consumption with hot water connection (55°C)

		Load	Consumption data			
			Energy	Water	Duration	
			in kWh	in litres	Short	Normal
Cottons	95°C	6.5 kg	1.45	47	1 h 29 min	1 h 53 min
	60°C	6.5 kg	0.55	47	40 min	1 h 33 min
	60°C[1)]	3.0 kg	0.73	39	40 min	
	40°C	6.5 kg	0.62	52.3	40 min	1 h 51 min
	40°C[1)]	3.0 kg	0.36	39	40 min	
Minimum iron	40°C	3.0 kg	0.25	55	42 min	1 h 03 min
Delicates	30°C	2.0 kg	0.35	69	49 min	59 min
Automatic	40°C	3.5 kg	0.35 - 0.50	40 - 55	1 h 03 min	1 h 18 min
Dark garments	40°C	3.0 kg	0.15	60	1 h 05 min	1 h 15 min
Shirts	60°C	2.0 kg	0.15	59	1 h 02 min	1 h 12 min
Denim	40°C	3.0 kg	0.15	52	50 min	1 h 00 min
Express	40°C	3.0 kg	0.30	34	–	30 min
Woollens	30°C	2.0 kg	0.23	39	–	39 min
Silks	30°C	1.0 kg	0.25	39	–	36 min
Sportswear	40°C	2.0 kg	0.35	35	47 min	1 h 07min
Outerwear	40°C	2.0 kg	0.45	59	53 min	1 h 03 min
Hygiene	60°C	6.0 kg	1.40	55	–	2 h 20 min
First wash	40°C	3.0 kg	0.37	35	–	51 min
Proofing	40°C	2.0 kg	0.30	12	–	29 min
Curtains	40°C	2.0 kg	0.45	38	–	55 min
Pillows	60°C	1 pillow	0.80	44	–	1 h 20 min

[1)] Short programme for test institutes; the *Short* extra option must be selected.

Height	850 mm
Width	595 mm
Depth	580 mm
Depth with door open	975 mm
Height for building under	820 mm
Width for building under	600 mm
Depth for building under	600 mm
Weight	94 kg
Capacity	6.5 kg dry laundry
Voltage	see data plate
Rated load	see data plate
Fuse rating	see data plate
Consumption data	see "Consumption data"
Water flow pressure minimum	100 kPa (1 bar)
Water flow pressure maximum	1.000 kPa (10 bar)
Inlet hose length	1.60 m
Drain hose length	1.50 m
Connection cable length	1.60 m
Drain pump head max.	1.00 m
Drain pump length max.	5.00 m
LEDs	Class 1
Test certificates awarded	Electrical safety, Typetest Mark, C-Tick Mark

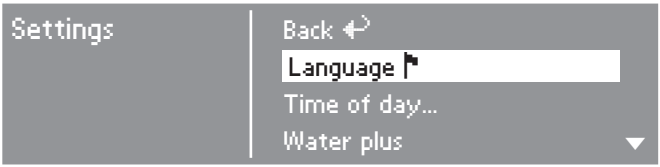
Settings menu
for changing standard settings

The Settings menu is used to alter the washing machine's electronics to suit changing requirements.
Settings can be altered at any time.

To open the Settings menu

- Select *Settings* from the entry menu and confirm your selection with the multi-function selector.

Selecting settings



- Select the setting you want to change, and confirm your selection.

If you do not make a selection in the sub-menu within approx. 20 seconds, the menu display will revert to the *Settings* menu.

Language

The display can be set to appear in one of several different languages.

To select the language you want, go to the *Languages* sub-menu.

The flag after the word *Language* acts as a guide to prevent a language which will not be understood from being set.

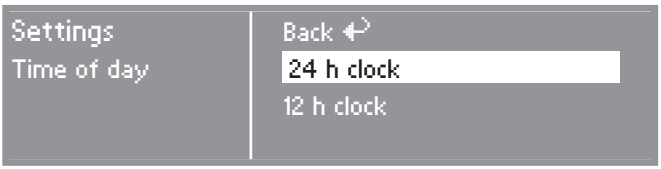
A tick will appear beside the language to show that it has been set.

- If the language shown is not the one you want turn the multi-function selector to highlight the one that you do want and confirm your selection.

Time of day

First select either a 24 hour or 12 hour clock. Then set the current time of day.

To select a 24 hour or 12 hour clock



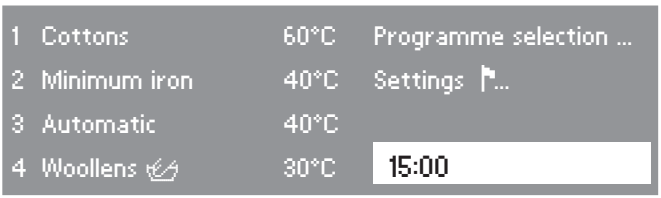
- Select the clock option you want and confirm your selection.

The display will then change to the screen for setting the time (of day).

To set the time (of day)

- Use the multi-function selector to select the hour and confirm your selection. Now set the minutes. Pressing the multi-function selector again saves the time (of day) in memory.

The time (of day) can be changed at any time later on by:



- Highlighting the time (of day) in the Entry menu and confirming your selection.

Water plus

This setting is used to select the water intake setting for the *Water plus* extra option.

There are three different options:

Water +

(the machine is delivered with this option selected)

The water intake is increased in the wash and rinse stages of the programmes.

Additional rinse

An extra rinse is introduced.

Water + and add. rinse

The water intake is increased in the wash and rinse stages and an extra rinse is carried out.

Gentle action

Activating gentle action reduces the drum action and is suitable for washing slightly soiled items more gently. It should be activated for garments with a single bar under the care label and for articles which feel too hard after they have been dried.

Gentle action can be activated for the *Cottons* and the *Minimum iron* programmes.

The washing machine is delivered with the *Gentle action* setting deactivated.

Suds cooling

When this is activated, additional water flows into the drum at the end of the main wash to cool the suds down. Hot suds can damage plastic drainage pipes.

Suds cooling takes place when a *Cottons* programme with a temperature of 70°C or higher is selected.

Suds cooling should be activated:

– to prevent the danger of scalding if the drain hose is hooked over the edge of a sink or basin.

– where the drainage pipes do not comply with DIN 1986.

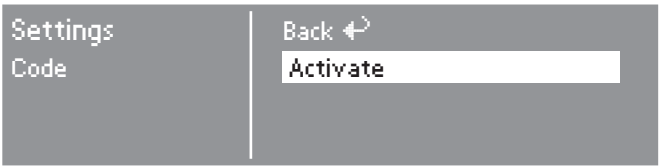
The machine is delivered with Suds cooling deactivated.

Code

The code prevents your machine being used without your knowledge.

When the code has been activated, you have to enter a code after switching the washing machine on. Otherwise the washing machine cannot be operated.

To activate the code



- Select *Activate* and confirm your selection.

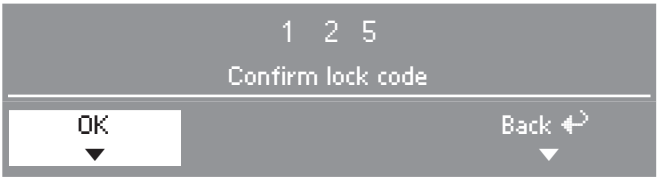
To enter the lock code

The display will now request that a code is entered. The code is **125** and cannot be altered.

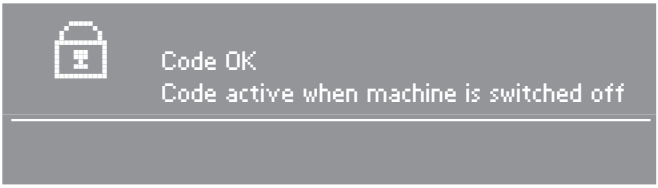
- Turn the multi-function selector until the number **1** appears. Then press it to confirm your selection of this number. Now enter the second number.

Repeat the process until all three numbers have been entered.

After the last number has been entered, you must confirm the code with OK.



■ Confirm lock code by pressing short cut button ⓫.



■ Switch off the washing machine.

To use the washing machine when the code is activated

When the machine is switched on again, the display will request the lock code.

■ Enter lock code **125** as described above, and confirm the entry.

The washing machine is now unlocked and ready for use.

To deactivate the code

Proceed as for activating the lock.

Temperature

You can chose for the temperature to be displayed in *°C/Celsius* or *°F/Fahrenheit*.

Buzzer

When the buzzer function has been activated, an audible tone sounds at the end of a programme or when Rinse hold is reached.

There are three different options:

Off

(the machine is delivered with this option selected as standard)

The buzzer is switched off but sounds at maximum volume if there is a fault.

Normal

the buzzer sounds at the end of a programme or when Rinse hold is reached.

Loud

the buzzer sounds louder at the end of a programme or when Rinse hold is reached.

Keypad tones

An audible tone sounds when the *Start* button, a short cut button or the multi-function selector is operated.

The machine is delivered with the keypad tone switched off.

Display contrast

There are ten different display contrast settings.

The machine is delivered with the display contrast on Setting 5.

This will change as soon as a different setting is chosen.

Standby

To save energy, the display goes out and the indicator light for the *Start* button flashes slowly.

The display will always go out,

– if a programme is not selected within 10 minutes of the machine being switched on.

– 10 minutes after the end of a programme.

Operating the multi-function selector or one of the short cut buttons switches the display back on again.

You can also choose whether you want the display to go out 10 minutes after a programme has started or to remain visible throughout the programme.

On

The standby function is switched on. When this option is selected, the display will go out 10 minutes after a programme has started.

Not in current prog.

(the machine is delivered with this option selected as standard)

The standby function is switched off. The display will remain visible during a programme.

Memory

If an extra option has been selected for a programme, or the recommended temperature or spin speed has been altered, the machine will store the changes in memory at the start of a programme.

The next time this programme is selected these settings will appear in the *Programme selection* menu.

The memory function is not active when favourite programmes are selected using the short cut buttons.

The machine is delivered with the memory function deactivated.

To close the Settings menu

■ Select *Back* and confirm your selection.
The display will revert to the entry menu.

The following settings only appear if Communication module XKM 2000 has been fitted to the washing machine.

Miele@home

This communication enabled washing machine can transmit programme data through the power lines to the Miele@home system. The washing machine must be signed on to the Miele@home system.

Please read the separate operating instructions supplied with the Miele@home system before you sign on the washing machine.

Signing on

■ Select *Sign on* and confirm your selection.

The signing on process will begin. If signing on is successful, the following will appear after a while :

When the washing machine is in operation, programme data will be transmitted from it over the power lines.

If signing on is unsuccessful:

- Check that the Miele@home system is active.
- Activate the signing on of a new appliance on the Miele@home system.
- Repeat the signing on process on the washing machine.

Signing off

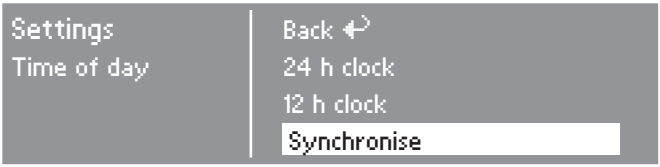
You can sign off the washing machine if you no longer want the programme data to be transmitted. Proceed as for signing on.

Switching off time of day synchronisation

When the signing on process has been successful, the time of day on the washing machine will be synchronised automatically with the Miele @home system time of day. This is useful for example when changing from summer time to winter time as you only have to change the time on the Miele@home system.

You can turn this feature off if you want the time on your washing machine to be different from the time on the Miele@home system.

To do this, select the *Time of day* sub-menu from the *Settings* menu.



- Select *Synchronise* and confirm your selection.
- This opens the Synchronise sub-menu.
- Select *Off* and confirm your selection.

Synchronisation is deactivated.

Remote access

This option will be made available in the future.

When available it will enable the washing machine to be switched on remotely and monitored using another appliance (e.g. a computer or mobile phone).

Your Miele Chartered Agent will be able to tell you when it becomes available.

It offers two options:

On

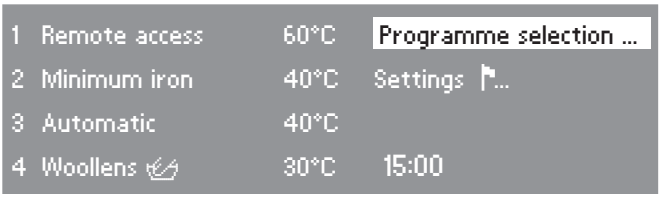
Remote access active. The washing machine can, if wished, be operated from a remote source. (This option should only be selected if you have the necessary tools!)

Off

(the machine is delivered with this option selected as standard)

Remote access not active.

The entry menu will look like this when remote access is activated:



Short cut button ① is automatically set up for *Remote access*.

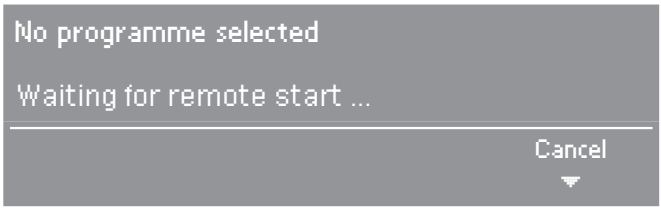
The programme previously allocated to button ① remains stored in memory for this button. It will reappear when the remote access function is deactivated.

You have two options:

Remote access

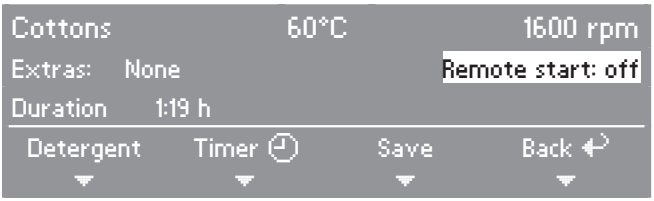
You can select and start a programme using a mobile phone or computer.

- Press short cut button 1.
- Press the *Start* button.



Remote start

You have to select the programme on your washing machine and then start it later on using your computer or mobile phone.



- Turn the multi-function selector to *Remote start* and press it to confirm your selection.
- Switch remote start on.
- Start the programme.

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